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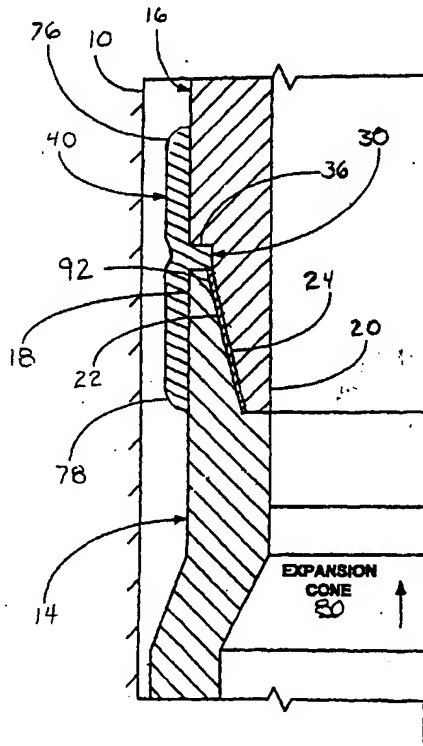
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[Continued on next page]

(54) Title: INTERPOSED JOINT SEALING LAYER METHOD OF FORMING A WELLBORE CASING



(57) Abstract: A method of forming a wellbore casing within a borehole (10) that traverses a subterranean formation, is provided by assembling a tubular liner by coupling a multi-layer tubular insert (92) threaded portion (24) of a first tubular member (16), and coupling a threaded portion (22) of a second tubular member (14) to the threaded portions (24) of the first (16) tubular member and the multi-layer tubular insert (92). the tubular liner assembly is positioned within the borehole (10); and the tubular liner assembly within the borehole (10) is radially expanded and plastically deformed. The multi-layer tubular insert (92) includes a first tubular insert having a first modulus of elasticity; and a second tubular insert coupled to the first tubular insert having a second modulus of elasticity. The first modulus of elasticity is different from the second modulus of elasticity.



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/25676

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : E21B 23/00; F16L 25/00

US CL : 166/207,380; 285/333

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 166/207,380,206,313,381,242.6; 285/33353; 403/179,273

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, P	US 2003/0067166 A1 (SILVEY, IV) 10 April 2003 (10.04.2003), whole document.	1-5
A	US 1,613,461 A (JOHNSON) 4 January 1927 (04.01.1927), whole document.	1-5
A	US 5,314,014 A (TUCKER) 24 May 1994 (24. 05.1994), whole document.	1-5
A	US 4,614,233 A (MENARD) 30 September 1986 (30.09.1986), whole document.	1-5

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☐ See patent family annex.

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:
JPO, EPO, Derwent

Terms: sleeve, tubular expand/expansion, coupling/coupler